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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37 C.F R. 1 53(b)

Attorney Docket No.	B-65866-CON	*Total Pages*	
First Named Inventor or Application Identifier			
PAYNE, JOHN M.			
Express Mail Label No.	EL210391831US		

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO **Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231**

1. [X] Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. [X] Specification [*Total Pages* 13]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (*if filed*)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. [X] Drawing(s) (*35 USC 113*) [*Total Sheets* 6]
4. [X] Oath or Declaration [*Total Pages*]
   a. [X] Newly executed (original or copy)
   b. [ ] Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 17 completed)*
      [Note Box 5 Below]
      i. [ ] DELETION OF INVENTOR(S)
      Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

5. [ ] Incorporation By Reference (*useable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. [ ] Microfiche Computer Program (*Appendix*)
7. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. [ ] Computer Readable Copy
   b. [ ] Paper Copy (identical to computer copy)
   c. [ ] Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. [ ] Assignment Papers (cover sheet & documents)
9. [ ] 37 CFR 3.73(b) Statement [ ] Power of Attorney
10. [ ] English Translation Document (*if applicable*)
11. [X] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
12. [X] Preliminary Amendment
13. [X] Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. [X] Small Entity Statement(s) [X] Statement filed in prior application, Status still proper and desired
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Other: . . .Copy of Extension of Time filed in prior application

17. **If a CONTINUING APPLICATION**, *check appropriate box and supply the requisite information:*
[X] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No: 08/970,655 (Examiner A. Salad, Group Art Unit 2757)

18. **CORRESPONDENCE ADDRESS**

[ ] *Customer Number or Bar Code Label* [ ] or [X] *Correspondence address below*

NAME	ALVIN WIRTHLIN				
ADDRESS	Akin, Gump, Strauss, Hauer & Feld, L.L.P. P.O. Box 688				
CITY	Dallas	*STATE*	Texas	*ZIP CODE*	75313-0688
COUNTRY	US	*TELEPHONE*	(214) 969-2800	*FAX*	(214) 969-4343

IC848 U.S. PTO 00/90/90
JC836 U.S. PTO 09/588515 06/06/00

Attorney Docket
No. 031993-0002-B-65866

jc836 U.S. PTO
09/588515
06/06/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

John M. Payne, *et al.* Examiner in Prior Application: Salad, A.

Continuation of Serial No. 08/970,655 Group Art Unit: 2757

Filed: Herewith

For: CONTACT ALERTS FOR UNCONNECTED USERS

Box **PATENT APPLICATION**
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAIL BY "EXPRESS MAIL"

"Express Mail" Mailing Label No. EL210391831US
Date of Deposit: May 31, 2000

I hereby certify that the attached Patent Application including:

1. Utility Patent Application Transmittal;
2. Original Patent Application (13 pages);
3. Declaration and Power of Attorney for Patent Application;
4. Fee Transmittal for FY 2000 in duplicate, including $345.00 check;
5. Verified Statement Claiming Small Entity Status – Small Business Concern;
6. Preliminary Amendment;
7. Information Disclosure Statement;
8. Letter to Official Draftsperson (6 sheets of formal drawings FIGS 1-4D); and
9. Copy of Extension of Time filed in prior application.

referred to as enclosed herewith are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date of deposit indicated above.

Ellen Lovelace
(Typed Name of Person Depositing Envelope in Express Mail Facility)

Ellen Lovelace
Signature

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.
P. O. Box 688
Dallas, TX 75313-0688
Phone: (214) 969-2800

Attorney Docket No.
031993-0002;

SMALL ENTITY
SMALL BUSINESS CONCERN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 C.F.R. §1.9(f) and §1.27(c))-- SMALL BUSINESS CONCERN

I, David Rose hereby declare that I am

_ the owner of the small business concern identified below:

X an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Wireless Internet, Inc.

ADDRESS OF CONCERN 11 East 26th Street – 16th Floor
New York, NY 10010

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 C.F.R. §121.3-18, and reproduced in 37 C.F.R. §1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when, either directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under license, contract or law have been acquired by or conveyed to and remain with the small business concern identified above with regard to the

invention entitled

"CONTACT ALERTS FOR UNCONNECTED USERS"

by inventors John M. Payne and Tim Von Kaenel

as described in

_ the specification filed herewith.

X the specification filed November 14, 1997 under Application Serial No. 08/970,655.

_ Patent No. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. §1.9(d) or by any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(e).

X no such person, concern or organization exists

_ any such person, concern or organization is identified below, if applicable:

Full Name _____

Address _____

_____

_ individual _ small business concern

_ nonprofit organization

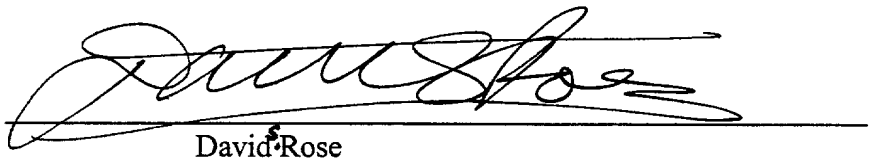
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 C.F.R. §1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

TYPED NAME OF PERSON SIGNING: David Rose

TITLE: President and Chief Executive Officer

Date: 8/20/99



David Rose

#259463 v.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§	
	§	
John M. Payne et al.	§	
	§	
Serial No.:	§	Group Art Unit:
	§	
Filed: Herewith	§	Examiner:
	§	
For: CONTACT ALERTS FOR UNCONNECTED USERS	§	
	§	

Assistant Commissioner
for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above referenced Application, please amend the application as follows:

IN THE SPECIFICATION

Page 1, before the first line, enter:

---CROSS REFERENCE TO RELATED APPLICATION

This application is a continuation of copending application Serial No. 08/970,655, filed November 14, 1997.---

IN THE CLAIMS

Please cancel claims 1 - 12.

Please add new claims 13 – 28.

13. (New) A method for connecting users to a first communication network, comprising:

providing an address service connected to the first communication network on which a user may register a name and an associated address on a second communication network;

using the first communication network to access the address service;

designating a name registered on the address service;

in response to the designation of said registered name, broadcasting a message over the second communication network to the registered address associated with the selected name, said message identifying an interactive activity to be conducted over the first communication network;

using a receiving device not connected to the first communication network to receive said message; and

in response to the reception of said message by said receiving device, automatically generating a user prompt to alert said user of said message.

14. (New) The method of claim 13 further comprising:

in response to an acknowledgement of said user prompt, connecting an interactive device to the first communication network and commencing the identified interactive activity.

15. (New) The method of claim 13, wherein the user prompt includes an audio prompt.

16. (New) The method of claim 13, wherein the user prompt includes a visual prompt.

17. (New) The method of claim 13, wherein the user prompt includes a request to connect an interactive device to the first communication network.

18. (New) The method of claim 13, wherein the first communication is the Internet, and the second communication network is a wireless paging network.

19. (New) The method of claim 18, wherein the user prompt comprises a hyperlink to a site of the Internet.

20. (New) The method of claim 19, wherein said Internet site includes a display of further information about the attempted contact.

21. (New) The method of claim 20, wherein said further information includes information identifying the person from whom the contact attempt originated.

22. (New) The method of claim 20, wherein said further information includes a message from the person from whom the contact attempt originated.

23. (New) The method of claim 20, wherein said further information includes information identifying a particular interactive Internet activity.

24. (New) The method of claim 18, wherein each user registers a screen name and an associated contact address of an associated listening device.

25. (New) The method of claim 24, wherein said screen name is a pseudonym or other factitious or imaginary identity.

26. (New) The method of claim 24, wherein said contact address is a serial number programmed into the associated listening device.

27. (New) The method of claim 24, wherein said contact address is converted into an activation code by the address service.

28. (New) The method of claim 27, wherein said activation code is available only to the address service and to the user who originally registered the information.

REMARKS

New Claims 13 through 28 are presented with this preliminary amendment and are believed to patentably distinguish over the prior art of record in the parent application. Consideration for allowance of Claims 13 through 28 is respectfully solicited.

Respectfully submitted,

Date: 6/16/00

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031993-0002(65866) DALLAS 331356v1

CONTACT ALERTS FOR UNCONNECTED USERS

TECHNICAL FIELD

The present invention relates generally to computerized communication systems, and more specifically to method and apparatus for initiating contact with a user who is not currently connected to an interactive on-line communication network such as the Internet.

CLAIM TO PRIORITY

This application is based on, and claims priority from, US Provisional Application 60/030,839 filed 15 November 1996, which is hereby incorporated by reference in its entirety.

BACKGROUND

Commonly assigned copending US application 08/788,613 (which corresponds to PCT/US97/01165, published as WO97/27546, but only after the priority date of the present application) discloses a method and apparatus for transmitting addressable messages over a wireless paging

network to a receiver connected to the recipient's personal computing device. Upon receipt of the information, the user is alerted by an appropriate visual and/or audible display that there is an incoming message, to which the user is invited to respond, typically by automatically launching an Internet browser, establishing a connection to the Internet, and connecting to a home page or other interactive Internet site identified by a URL embedded in the received message, thereby providing a convenient automated connection back to the information source for obtaining detailed data and/or participating in a designated interactive activity.

However, prior to the present invention, there were no known facilities for a user connected to an on-line communication network such as the Internet to conveniently and automatically invite another user to participate in an interactive Internet activity (such as a game, a chat room, a two-way conversation, or an on-line conference) unless that other user currently had an active on-line connection to that network. This problem was exacerbated if the other user was known only by his online "persona," thereby making it impossible to contact him by telephone, fax or other conventional means.

SUMMARY

In a preferred embodiment, users access an on-line address service to register their name (which may be a pseudonym or other fictitious or imaginary identity) and a unique contact address (e.g., a hardwired serial number or a programmable activation number, or an associated password) that may be used directly or indirectly to address a message over another communication network to an associated listening device. In

one embodiment, only a list of registered names is accessible to other users, and the unique contact information is protected so that it is available only to the system operator and to the user who originally registered the information. Alternatively, even the registered names are not displayed to other users, who thus must have a priori knowledge of the registered screen name, thereby giving the individual who registered that name more control over who has access to his listening device.

Once a potential user has registered his on-line identity and contact information, other users accessing the address service can then designate one of the listed names, either by selecting the name from a display list of registered names (if all registered names are displayed) or by entering the designated name onto an appropriate form, whereupon the computer hosting the address service will broadcast a message addressed to the identified person's associated listening device. Since the listening device preferably is connected to a wireless communication network that is independent of the on-line communication network, (e.g., the Internet), the designated name can be contacted even if his modem is busy and/or he is not currently connected to the on-line network. Because of bandwidth limitations, the contact message is typically restricted to the address of the device being contacted, a code or token indicating the type of contact desired, and a code or token indicating the Internet address (URL) where the contact is to take place (or where further information may be found). If a sufficient bandwidth is available, the message could also identify the individual attempting the contact and/or could also include a brief personal message from that individual, in which case it would not be necessary for the recipient to go on-line unless he wanted to accept the invitation and/or reply to the message.

Once the message is received, the listening device notifies the associated user by causing the user's computer (or other computing device such as a personal assistant) to initiate an appropriate visual and/or audio alert display concerning the contact attempt. The user is then given an opportunity to connect to the on-line network and access a designated site to obtain further information about the attempted contact and/or to establish a direct connection with the interactive on-line activity (e.g., a two-way telephone or videophone service, a chat room or a game zone) from which the contact attempt originated, at the same time automatically launching any required browser or application software.

The transmission and reception of the contact attempt message, the communication between the wireless receiver and the user's computing device, the generation of the alert display, and the launching of the subsequent on-line connection may be as disclosed in the above referenced PCT application, which is hereby incorporated by reference.

The foregoing and additional features and advantages of this invention will become apparent from the detailed description and accompanying drawing figures that follow. In the figures and written description, numerals indicate the various features of the invention, like numerals referring to like features throughout for both the drawing figures and the written description.

DRAWINGS

Fig 1 is a block diagram of a system incorporating a contact address service embodying the present invention.

Fig 2 shows a pop up viewer screen for responding to a contact attempt message from the contact address service.

Fig 3 shows a site on the Internet which the recipient of a contact attempt message may visit to obtain further information about the contact attempt

Fig 4 is a flowchart of various functions performed by the contact address service.

EXEMPLARY EMBODIMENT

Fig 1 is a simplified block diagram showing the basic elements of an exemplary system for implementing the present invention. As shown, a user's personal computer 10 has a two-way connection 12 (typically a wired connection through the local telephone company) to an Internet service provider 14, which in turn is connected by dedicated high speed high capacity communications circuits 16 to various interactive services and information providers 18 including address service 20. Address service 20 in turn communicates with other users 10' the other service providers 18, as well as to a wireless paging service 22, which broadcasts messages to individual subscribers and groups of subscribers via a transmitter 24 and wireless communication link 26, which are received by a receiver 28 connected by means of a serial wired communication line 30 to the user 10. Although the paging network 22, 24, 26, 28 is typically a narrow-bandwidth one-way wireless communication system, many aspects of the present invention are also applicable to a two-way wireless system (option return link 26A between the receiver 28 and the paging service 22) and/or to alerts communicated to the user 10 via a wired connection (for example, via the Internet connection 16) from the paging

service 22 that is independent of the transmitter 24 and receiver 28. Similarly, although the connection 12, 16 between the user 10 and the Internet is typically by means of conventional telephone networks employing fiber optic cable and/or copper wire, it could also include wireless links such as two-way cellular telephone circuits, two-way line of sight (microwave) communications links, and uplinks and/or downlinks from communications satellites.

As currently contemplated, the wireless paging service 22 broadcasts not only contact attempt information from address service 20, but also other types of broadcast, narrowcast and pointcast messages from other Internet services 18 (for example, news headlines, stock prices, e-mail, etc), which are combined, encrypted, encoded and packetized prior to transmission and which are received, decrypted, decoded, assembled into messages and filtered, as described in the referenced PCT application. In particular, the receiver 28 is able to determine whether an address field ("capcode") of a particular message corresponds to the receiver's unique serial number, and the personal computer 10 is able to further filter and prioritize messages of possible interest based on message type and content ("virtual capcodes"). However, those skilled in the art will recognize that other known communications apparatus and processes may be utilized to perform some or all of the required functions.

Once the contact information addressed to a particular receiving device 28 has been received and the relevant contact information has been extracted, it is communicated to the associated computing device 10 over the serial communication line 30, where it is further processed by a communication server (for example, the user may not want to receive invitations to participate in gaming activities during business hours),

whereupon an appropriate visual alert is displayed or an appropriate audio alert is generated. Preferably, the alert message is accompanied by the sound of a doorbell, and the on-screen viewer is called up by clicking an animated doorbell icon which is displayed as soon as the alert message is received. If the user confirms his interest (either by clicking on the icon or by opting to view all contact attempts), a pop-up viewer screen appears, whereby the user may establish a two-way interactive connection with the address service 20 via a text or graphics hyperlink to the Internet site identified in the received message.

As shown in Fig 2 the viewer screen 32 informs the designated person "Someone's at your CyberDoor!" plus the time and day the message 34 was received. By merely clicking on the Front Door icon 36 in the center of the viewer window, any required browser and/or application program and/or aplet is launched, and the user is automatically connected to the "Front Porch" site shown in Fig 3. Once logged in (which is preferably done transparently from the user's computing device, without any user interaction except to click onto the Front Door icon 36), the user sees a personalized page such as shown in Fig 3 at which he is advised (box 38) of the identity (screen name or assumed persona) of each contacting party (e.g., "fast freddy") and any message text (e.g., "Let's hook up and chat!") and/or on-line site (e.g., "Active Chat") and location (e.g., "Generation X") that was included in the original contact attempt, but not broadcast over the wireless network for reasons of privacy and/or bandwidth. Preferably, if there is more than one message waiting, the newest is displayed at the top of the page, and the older messages are discarded once a predetermined number of displayed messages or elapsed time has been reached.

Alternately, the message displayed on the viewer window (Fig 2) could include a hyperlink to the destination on the Internet where the desired contact is to take place and the recipient could accept the invitation by merely clicking on the hyperlink portion of the viewer, whereupon any required browser and/or other application program is automatically launched.

As indicated schematically in the function flow chart of Fig 4, the address service site has hyperlinks (buttons) to a "Get Rung!" function 102 in which the user is directed to a form for registering his screen name and a "Ring!" function 104 in which the user is directed to a form for sending a web chat alert or other notification to another registered user.

The register function 102 opens a dialog box 106 in which the user can enter his desired screen name and an associated address code, for example the serial number (or activation number) of his wireless receiver. Alternatively, the user could enter a name and associated password under which the wireless receiver was already registered in connection with other Internet services, and the address service will look up the relevant record in the hardware registration database and convert the name and password to the required address code.

Assuming that the newly entered screen name is not already registered to another user (No exit 110 from search block 108), the newly entered screen name and serial number are entered into the data base (block 112) and the user sees a Welcome dialog box 114 in which the user is given an opportunity to activate the Alert function 104 by selecting the OK button. Otherwise, if the selected name is not available (No exit 116 from Search block 108), the user is given an opportunity to select another

name (Sorry dialog 118) and the screen name validation process (blocks 108–118) is repeated. In an alternate and presently preferred embodiment (not shown), rather than permitting the newly registered user to immediately test the Alert function, the address service converts the serial number into an activation code which must be entered into the user's computer before any messages can be received from receiver 28.

Referring now to the Alert sending process, once the "Ring!" routine has been entered (block 104), a dialog box 120 appears, in which the user may enter the screen name of the person he is attempting to contact. Once the name has been entered, a search is initiated of all previously registered users, and assuming the name has been registered (and thus the receiver address associated with that person is known to the address service), control passes (found path 122) to a second dialog box 124 for selecting a chat site or other interactive Internet service where the desired contact is to take place. Once the required information has been entered and verified, a confirmation dialog 126 appears and an alert message is sent to the designated user (block 128). Alternatively, the two dialog boxes 120, 126 could be combined on a single display, together with an optional message box. Assuming that the requestor identified a particular chat room, game zone, interactive service or other site (preferably selected from a list, so that the site address can be tokenized to make mor efficient use of the limited bandwidth available in the wireless messaging system), the contacted person can go directly to that site, and his computer will automatically activate the required browser software and establish the required connection to the Internet.

If a registered name is not already in the data base that corresponds to the screen name entered in the contact attempt (Not Found branch 130),

control passes to a Sorry dialog 132, and the user is given another chance to re-enter the screen name of the person being contacted.

Although not essential, the address service 20 preferably also provides functionality for removing a previously registered name and contact address. To that end, button 134 calls up a removal form (block 136) in which the user enters his previously registered name and an associated password (which could be the aforementioned serial number or activation code). If a match is found and the user clicks the OK button (block 138), the name is removed (block 140). Otherwise (block 142), control returns to the opening menu (buttons 102, 104, 134) and the removal process (blocks 136–140) may be repeated.

It will be appreciated by persons skilled in the art that the present invention is not necessarily limited to what has been shown and described, nor to any unclaimed details of the particular implementation(s) described. For example, the personal computing device and the receiver could be implemented in the form of an intelligent handheld personal communicator adapted to be connected wirelessly to either a 2-way cellular network or to a wireless paging network, the output displays could be synthesized voice prompts, and the input data could be voice commands.

CLAIMS:

1. A method for connecting users to a first communication network, comprising:

providing an address service connected to the first communication network on which a user may register a name and an associated address on a second communication network;

using the first communication network to access the address service;

designating a name registered on the address service;

in response to the designation of said registered name, automatically broadcasting a message over the second communication network to the registered address associated with the selected name, said message identifying an interactive activity to be conducted over the first communication network;

using a receiving device not connected to the first communication network to receive said message;

in response to the reception of said message by said receiving device, automatically generating a user prompt to commence the identified interactive activity; and

in response to a positive acknowledgment of said user prompt, automatically connecting an interactive device to the first communication network and commencing the identified interactive activity.

2. The method of claim 1, wherein the first communication network is the Internet, and the second communication network is a wireless paging network.

3. The method of claim 2, wherein the user prompt comprises a hyperlink to a site on the Internet.

4. The method of claim 3, wherein said Internet site includes a display of further information about the attempted contact.

5. The method of claim 4, wherein said further information includes information identifying the person from whom the contact attempt originated.

6. The method of claim 4, wherein said further information includes a message from the person from whom the contact attempt originated.

7. The method of claim 4, wherein said further information includes information identifying a particular interactive Internet activity.

8. The method of claim 2, wherein each user registers a screen name and an associated contact address of an associated listening device.

9. The method of claim 8, wherein said screen name is a pseudonym or other factitious or imaginary identity.

10. The method of claim 8 wherein said contact address is a serial number programmed into the associated listening device.

11. The method of claim 8 wherein said contact address is converted into an activation code by the address service.

12. The method of claim 11, wherein said activation code is available only to the address service and to the user who originally registered the information.

ABSTRACT

Users access an on-line address service to register their name (which may be a pseudonym or other fictitious or imaginary identity) and a unique contact address that may be used directly or indirectly to address a message over another communication network to an associated listening device. Once a potential user has registered his on-line identity and contact information, other users accessing the address service can then designate one of the listed names, either by selecting the name from a display list of registered names (if all registered names are displayed) or by entering the designated name onto an appropriate form, whereupon the computer hosting the address service will broadcast a message addressed to the identified person's associated listening device. Once the message is received, the listening device notifies the associated user by causing the user's computer to initiate an appropriate visual and/or audio alert display concerning the contact attempt. The user is then given an opportunity to connect to the on-line network and access a designated site to obtain further information about the attempted contact and/or to establish a direct connection with the interactive on-line activity from which the contact attempt originated, at the same time automatically launching any required browser or application software.

PATENT
Docket No. (031993-0002) 65866

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PAYNE, JOHN M., *et al.*

Serial No.: 08/970,655

Filed: November 14, 1997

For: CONTACT ALERTS FOR UNCONNECTED USERS

BOX ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

LETTER TO OFFICIAL DRAFTSPERSON

Enclosed are 6 sheets of formal drawings (FIGS. 1-4D). It is respectfully requested that the attached drawings be entered into the application.

Respectfully submitted,

Date: 6/6/2000

Alvin R. Wirthlin
Registration No. 40,267
Agent for Applicant

Akin, Gump, Strauss, Hauer & Feld, L.L.P.
P.O. Box 688
Dallas, Texas 75313-0688
Phone: (214) 969-2800
File: 031993-0002

#341902

FIG. 1

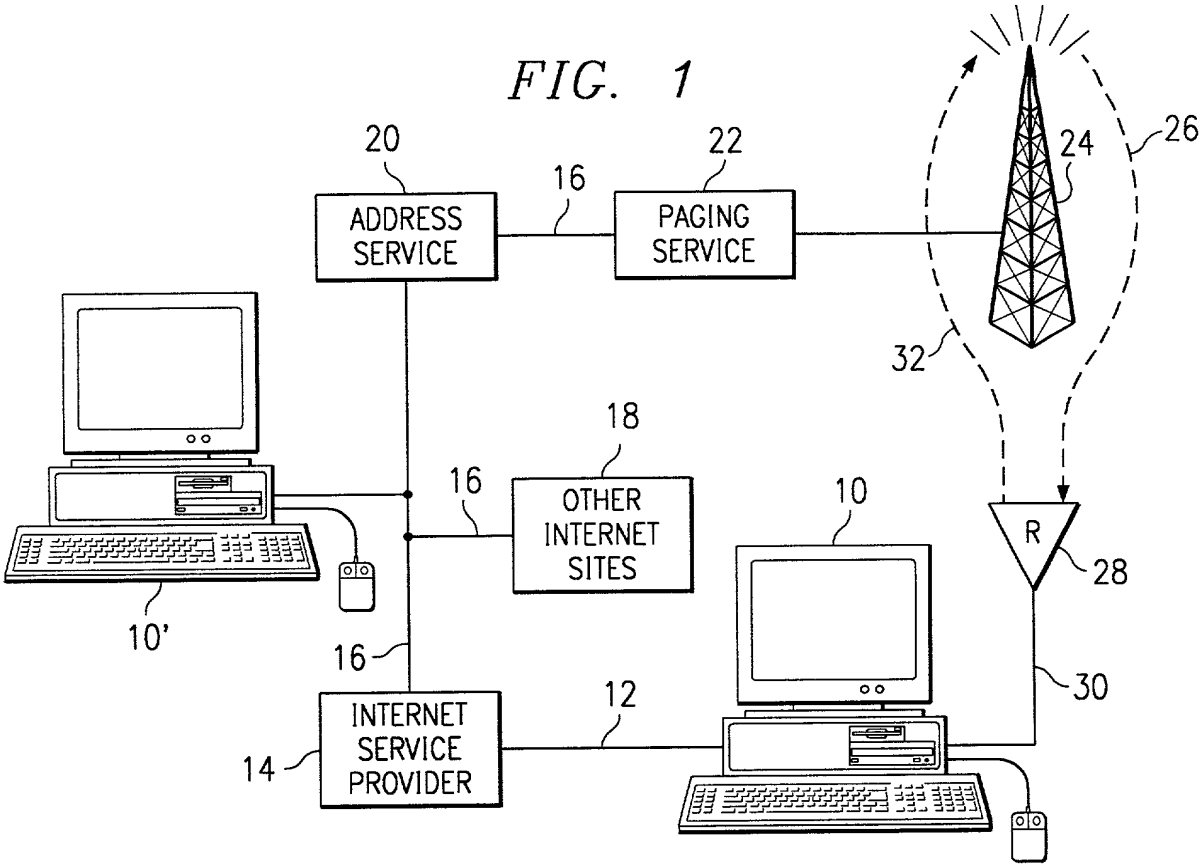
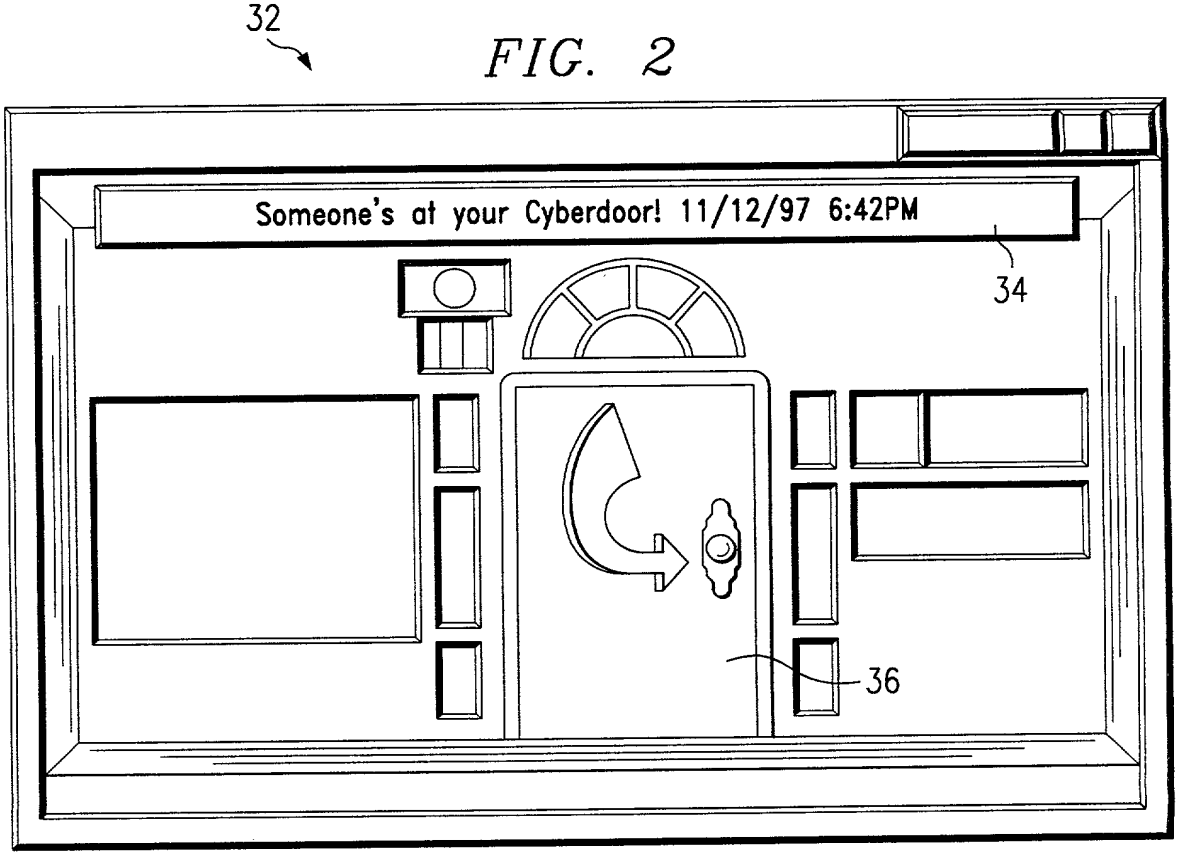

20
22
16
ADDRESS SERVICE
PAGING SERVICE
24
26
32
18
16
OTHER INTERNET SITES
10
R
28
10'
16
30
12
INTERNET SERVICE PROVIDER
14

FIG. 2


32
Someone's at your Cyberdoor! 11/12/97 6:42PM
34
36

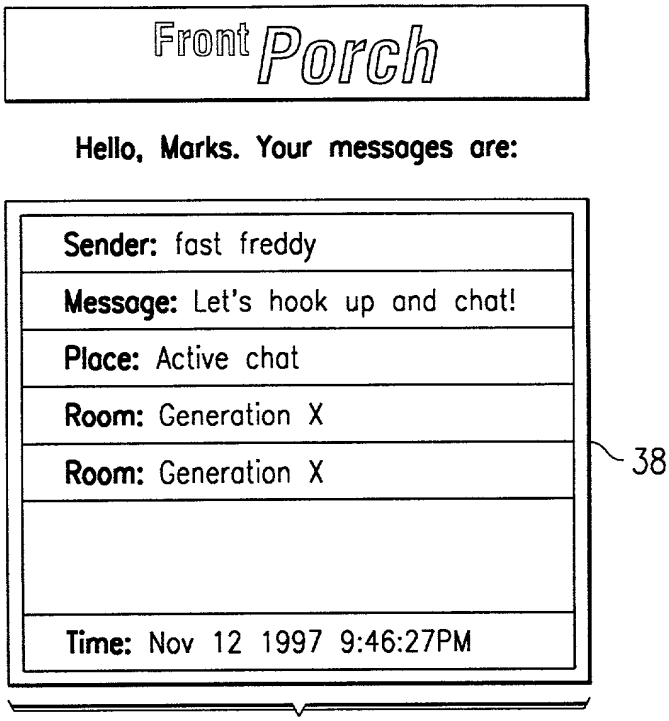


FIG. 3

FIG. 4A	FIG. 4B
FIG. 4C	FIG. 4D

FIG. 4

FIG. 4A

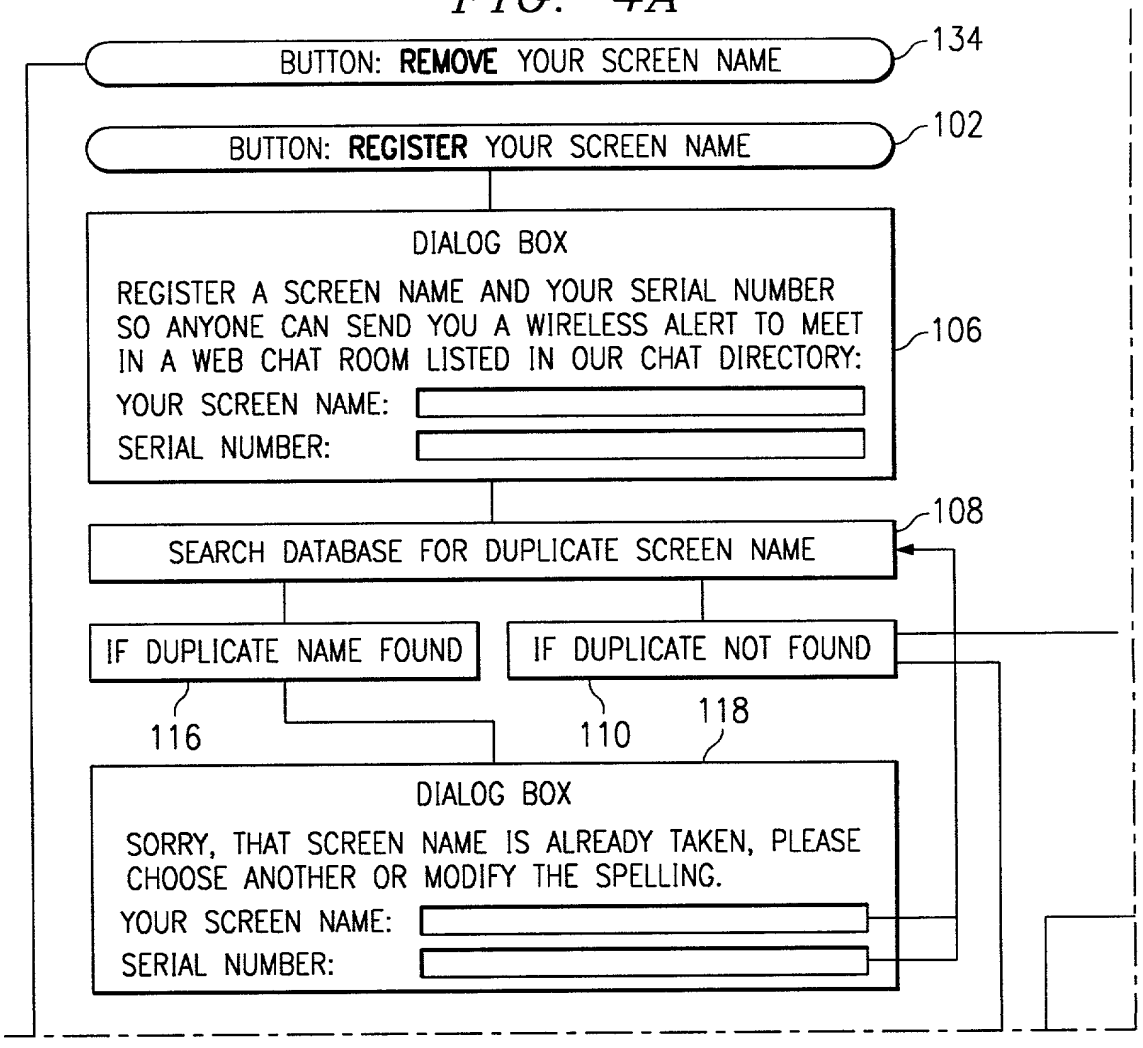

BUTTON: REMOVE YOUR SCREEN NAME
134
BUTTON: REGISTER YOUR SCREEN NAME
102
DIALOG BOX
REGISTER A SCREEN NAME AND YOUR SERIAL NUMBER SO ANYONE CAN SEND YOU A WIRELESS ALERT TO MEET IN A WEB CHAT ROOM LISTED IN OUR CHAT DIRECTORY:
YOUR SCREEN NAME:
SERIAL NUMBER:
106
SEARCH DATABASE FOR DUPLICATE SCREEN NAME
108
IF DUPLICATE NAME FOUND
IF DUPLICATE NOT FOUND
116
110
118
DIALOG BOX
SORRY, THAT SCREEN NAME IS ALREADY TAKEN, PLEASE CHOOSE ANOTHER OR MODIFY THE SPELLING.
YOUR SCREEN NAME:
SERIAL NUMBER:

FIG. 4B

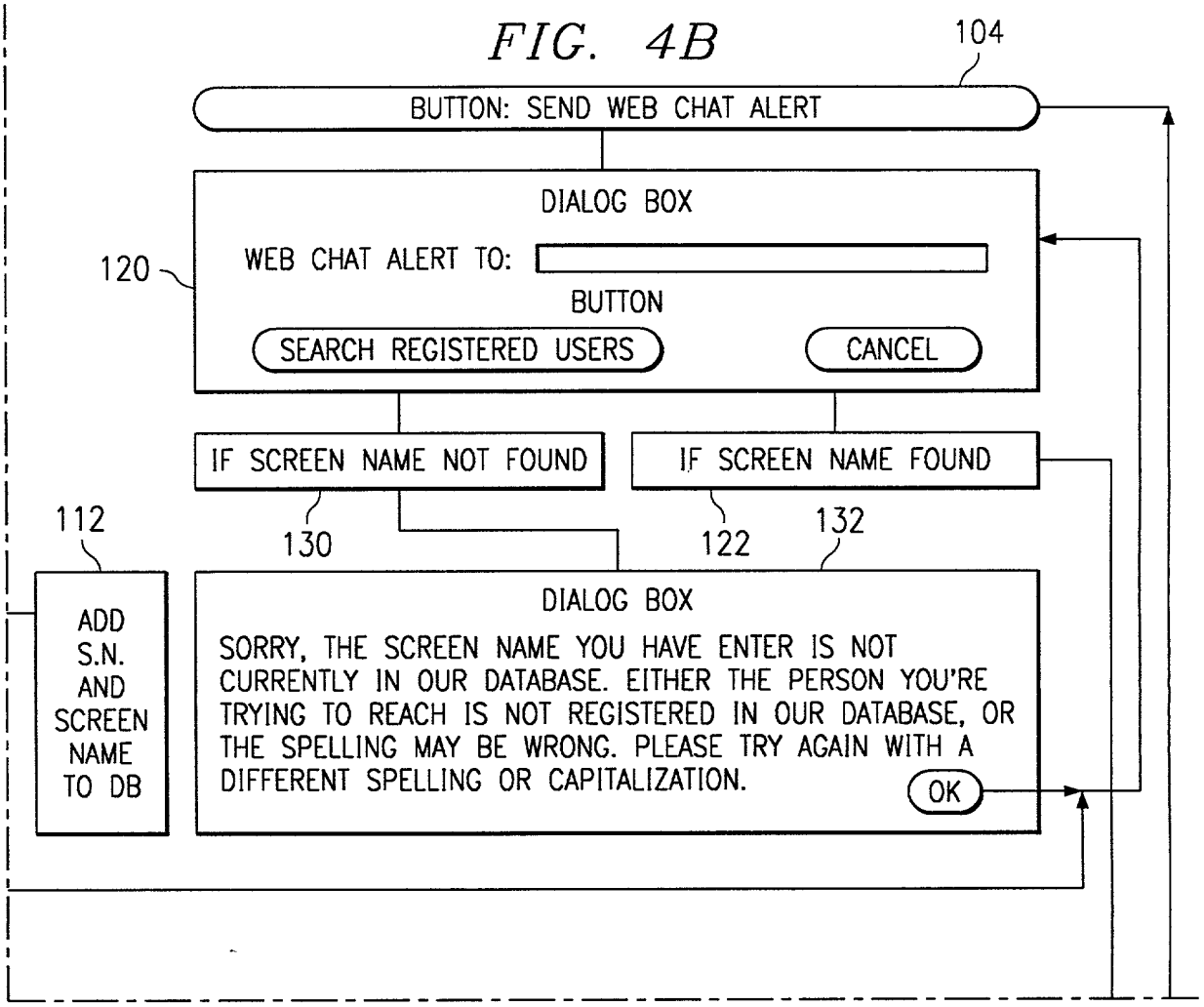

104
BUTTON: SEND WEB CHAT ALERT
DIALOG BOX
120
WEB CHAT ALERT TO:
BUTTON
SEARCH REGISTERED USERS
CANCEL
IF SCREEN NAME NOT FOUND
IF SCREEN NAME FOUND
112
130
122
132
ADD S.N. AND SCREEN NAME TO DB
DIALOG BOX
SORRY, THE SCREEN NAME YOU HAVE ENTER IS NOT CURRENTLY IN OUR DATABASE. EITHER THE PERSON YOU'RE TRYING TO REACH IS NOT REGISTERED IN OUR DATABASE, OR THE SPELLING MAY BE WRONG. PLEASE TRY AGAIN WITH A DIFFERENT SPELLING OR CAPITALIZATION.
OK

FIG. 4C

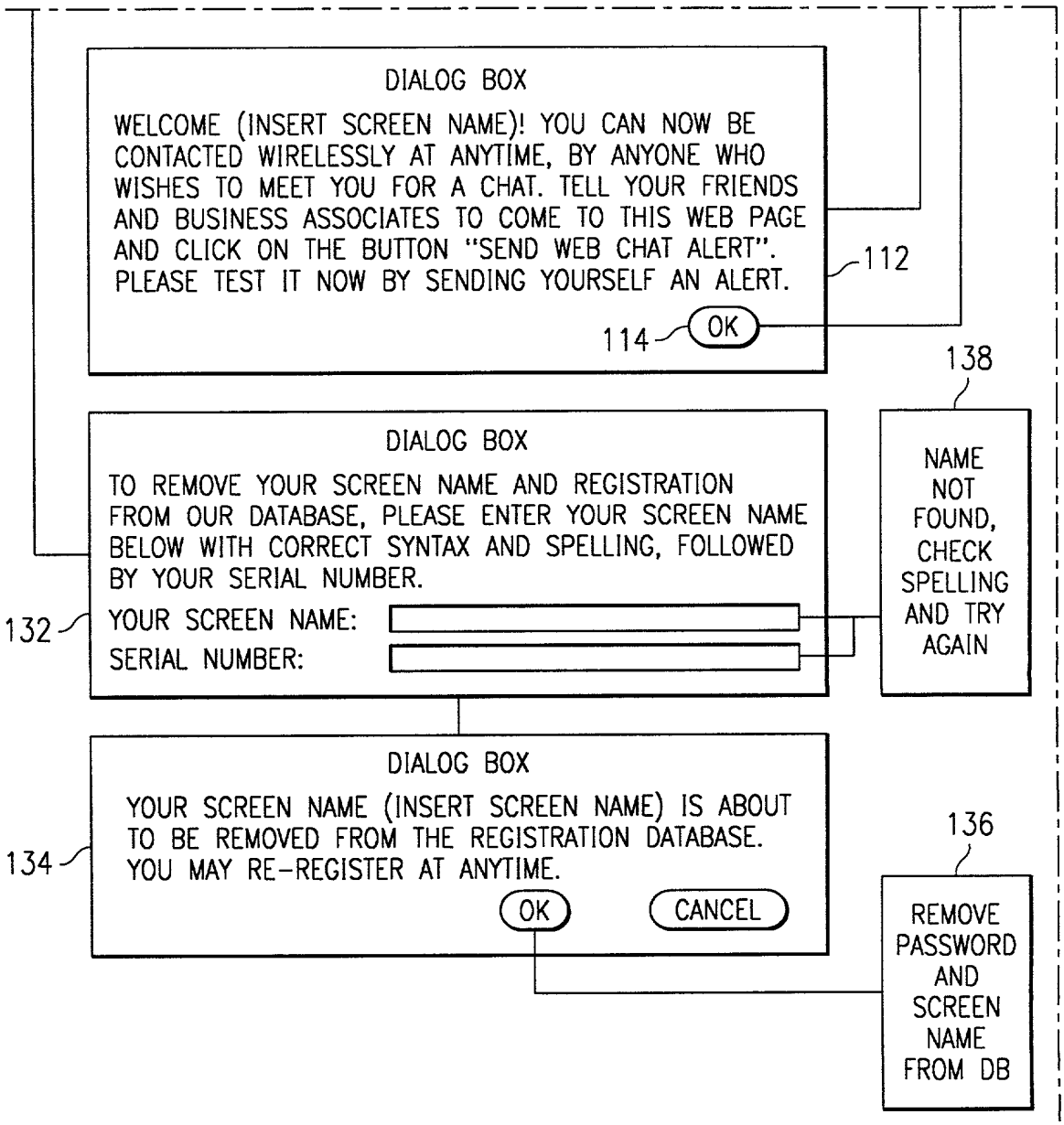
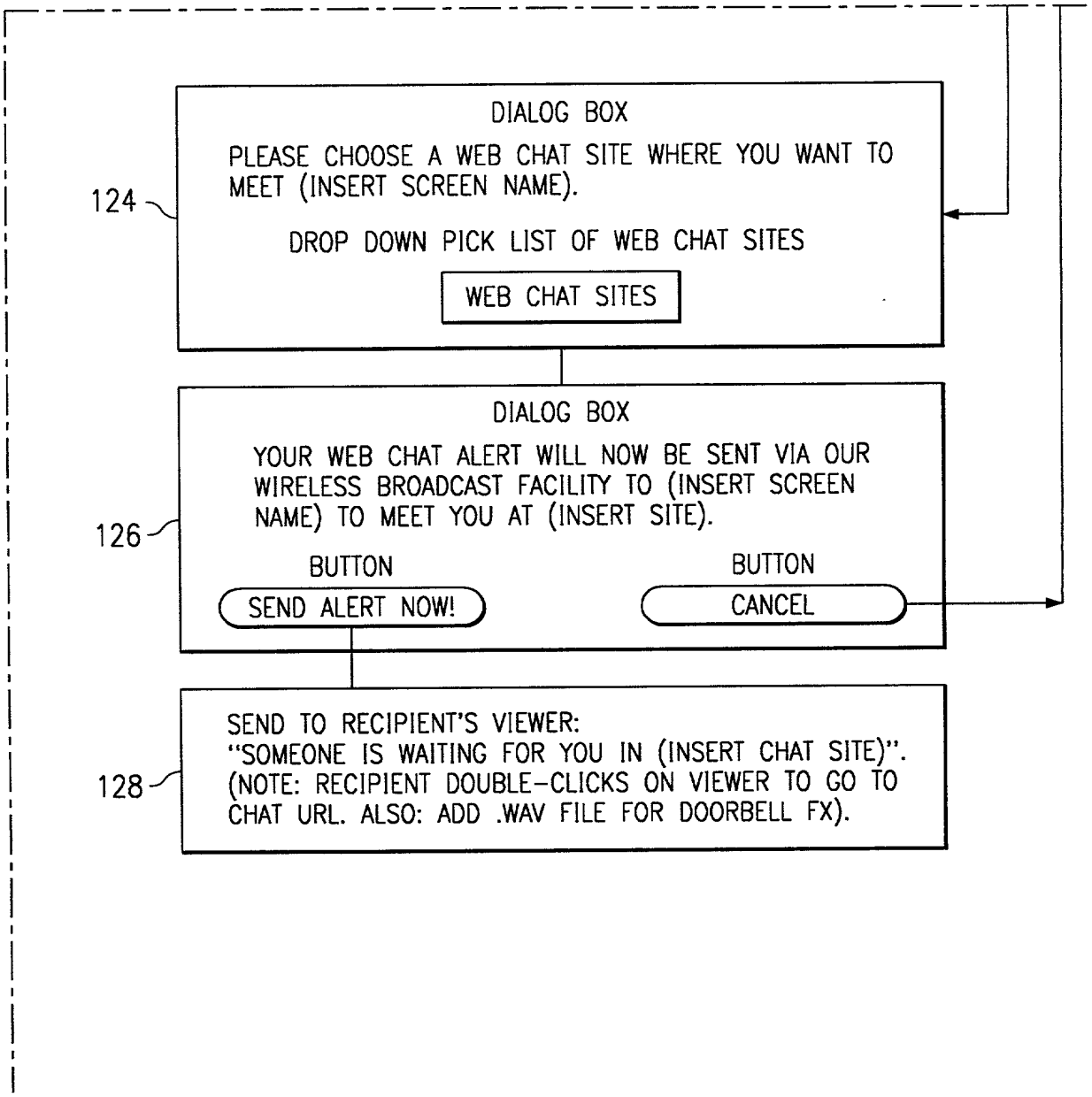

DIALOG BOX
WELCOME (INSERT SCREEN NAME)! YOU CAN NOW BE CONTACTED WIRELESSLY AT ANYTIME, BY ANYONE WHO WISHES TO MEET YOU FOR A CHAT. TELL YOUR FRIENDS AND BUSINESS ASSOCIATES TO COME TO THIS WEB PAGE AND CLICK ON THE BUTTON "SEND WEB CHAT ALERT". PLEASE TEST IT NOW BY SENDING YOURSELF AN ALERT.
112
114
OK
138
DIALOG BOX
TO REMOVE YOUR SCREEN NAME AND REGISTRATION FROM OUR DATABASE, PLEASE ENTER YOUR SCREEN NAME BELOW WITH CORRECT SYNTAX AND SPELLING, FOLLOWED BY YOUR SERIAL NUMBER.
132
YOUR SCREEN NAME:
SERIAL NUMBER:
NAME NOT FOUND, CHECK SPELLING AND TRY AGAIN
DIALOG BOX
YOUR SCREEN NAME (INSERT SCREEN NAME) IS ABOUT TO BE REMOVED FROM THE REGISTRATION DATABASE. YOU MAY RE-REGISTER AT ANYTIME.
134
OK
CANCEL
136
REMOVE PASSWORD AND SCREEN NAME FROM DB

FIG. 4D


DIALOG BOX
PLEASE CHOOSE A WEB CHAT SITE WHERE YOU WANT TO MEET (INSERT SCREEN NAME).
DROP DOWN PICK LIST OF WEB CHAT SITES
WEB CHAT SITES
124
DIALOG BOX
YOUR WEB CHAT ALERT WILL NOW BE SENT VIA OUR WIRELESS BROADCAST FACILITY TO (INSERT SCREEN NAME) TO MEET YOU AT (INSERT SITE).
BUTTON
SEND ALERT NOW!
BUTTON
CANCEL
126
SEND TO RECIPIENT'S VIEWER:
"SOMEONE IS WAITING FOR YOU IN (INSERT CHAT SITE)".
(NOTE: RECIPIENT DOUBLE-CLICKS ON VIEWER TO GO TO CHAT URL. ALSO: ADD .WAV FILE FOR DOORBELL FX).
128

Attorney Docket
No. 65866 (031993-0002)

DECLARATION

We, John M. Payne, and Timothy A. von Kaenel, joint inventors herein, hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

"CONTACT ALERTS FOR UNCONNECTED USERS"

the specification and drawings for which were filed on 11/24/97, Serial No. 08/970,655.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to in this declaration.

We acknowledge the duty to disclose to the Patent and Trademark Office all information known to us to be material to the patentability of any claim in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent.

We hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Filing Date (day, month, year)
- NONE -		

We hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	U.S. Filing Date	Status

- NONE -

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

Full name of first joint Inventor: John M. Payne

Residence: 660 Thalia St.
Laguna Beach, CA 92651

Citizenship: United States

Post Office Address: 660 Thalia St.
Laguna Beach, CA 92651

Date: _____

_____
John M. Payne

Full name of second joint Inventor: Timothy A. von Kaenel

Residence: 12 Lake View Dr.
Coto De Caza, CA 92679

Citizenship: United States

Post Office Address: 12 Lake View Dr.
Coto De Caza, CA 92679

Date: 6/1/00

_____
Timothy A. von Kaenel

Attorney Docket
No. 65866 (031993-0002)

DECLARATION

We, John M. Payne, and Timothy A. von Kaenel, joint inventors herein, hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

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U.S. Serial No.	U.S. Filing Date	Status
- NONE -		

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

Full name of first joint Inventor: John M. Payne

Residence: 660 Thalia St.
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Date: 10/1/00

John M. Payne

Full name of second joint Inventor: Timothy A. von Kaenel

Residence: 12 Lake View Dr.
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Citizenship: United States

Post Office Address: 12 Lake View Dr.
Coto De Caza, CA 92679

Date: _____

Timothy A. von Kaenel